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NOMENCLATURE

OF

COLEOPTEROUS INSECTS

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

PART VI.

PASSALIDÆ.

LONDON:
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PREFACE.

The object of this Nomenclature is to present a Catalogue of the well-established species of each family, with a reference to where they are figured and a few of the more important synonyma.

It is intended for the following purposes:—

1. As a list of the species contained in the Museum Collection. They are marked B.M. in the outer margin.

2. To point out the Desiderata of that Collection at the period of publication.

3. As labels for the Cabinet.

This list must only be considered as prefatory to a more complete Catalogue.

The family Passalidæ is chiefly arranged after the method adopted by Percheron in his first revision published in Guérin's Magazine of Zoology, 1841.

Mr. Frederick Smith has taken every care in the determination of the species and the references to the synonyma and figures.

JOHN EDWARD GRAY.

British Museum,
1 *September* 1852.

CATALOGUE

OF

PASSALIDÆ.

Fam. PASSALIDÆ.

Passalidæ, *MacLeay*, *Horæ Ent.* (1819); *Burm. Handb. Ent.* v. 443.
Microgmathites, *Lap. de Cast.* ii. 177.
Lucanus, sp., *Linn. S. N.* i. 559.
Lucanidæ, part., *Westw. Mod. Class. Ins.* i. p. 185.
Lucanides, part., *Latr. in Cuv. R. A.* iii. 291.

1. PASSALUS.

Passalus, *Fab. Syst. Ent.* i. 240; *Latr. in Cuv. R. A.* iii. 291; *Burm. Handb. Ent.* v. 441.
Ocythoë, *Lap. An. Art.* ii.

DIV. I.—*Antennæ with six lamellated joints.*

1. PASSALUS tridens. B.M.

Passalus tridens, *Wiedem. Mag. Zool.* ii. 109, 168; *Perch. Mon.* 24. 3. t. 2. f. 3 & 1 *Supp.* 5. 4; *Burm. Handb.* v. 461. 1.
Passalus laterisculptus, *Perty*, *Col. Ind. Orient.* 37. f. 2.
Passalus orientalis, *Dej. Cat.* 194.
Ocythoë tridens, *Lap. de Cast. Hist. Nat.* ii. 170. 1.
Hab. Java.

2. PASSALUS grandis. B.M.

Passalus grandis, *Burm. Handb.* v. 463. 2.
Passalus emarginatus, *Perch. Mon.* 21. 1. t. 2. f. 1.
Ocythoë tridens, *Lap. de Cast.* ii. 170. 2.
Hab. Java. Philippine Islands.

3. PASSALUS emarginatus. B.M.

Passalus emarginatus, *Weber, Obs. Ent.* 81. 4; *Fabr. Syst. Eleuth.* ii. 255. 2; *Schönh. Syn. Ins.* i. 3. 333. 10; *Burm. Handb.* v. 463. 3.

Passalus lævicollis, *Illig. Wiedem. Archiv*, i. 2. 103. 1.

Passalus pilifer, *Perch. Mon.* 23. 2. t. 2. f. 2 & 1 *Supp.* 3. 2.

Hab. Java.

4. PASSALUS latipennis. B.M.

Passalus latipennis, *Perch.* 1 *Supp. Mag. Zool.* 8. 10. t. 77. f. 3; *Burm. Handb.* v. 464. 4.

Hab. Java.

5. PASSALUS neelgherriensis.

Passalus neelgherriensis, *Perch.* 1 *Supp.* 4. 3. t. 77. f. 1; *Burm. Handb. Ent.* v. 469. 12.

Hab. Malabar.

6. PASSALUS cancrus.

Passalus cancrus, *Perch.* 2 *Supp.* 4. 7. t. 134. f. 3; *Mag. Zool.* (1844); *Burm. Handb. Ent.* v. 466. 8.

Hab. Indian Archipelago?

7. PASSALUS monticulosus, n. s. Pl. I. fig. 1.

Convex; shining black, the mandibles large, bidentate at their apex, the inner tooth rounded at the apex, deeply excavated above; the labrum slightly emarginate in front, deeply punctured, and fringed with ferruginous pubescence; the front of the head deeply and irregularly sculptured, not punctured; the clypeus produced on each side into large projecting tubercles, the right one being notched at the apex, the left one simple and blunt at the apex; at the base of these tubercles are small projecting ones, from which elevated waved carinæ pass backwards, meeting at the apex of a large slightly elevated tubercle which has a smaller one on each side, situated in a deep arched excavation; on each side opposite the eyes is an oblong elevation; the antennæ have elongate lamellæ on the six apical joints, which decrease in length towards the base. Thorax transverse, and having a short central stria on the disk not reaching the margins, and on each side at the posterior angle a rounded fovea; the intermediate tibia fringed with ferruginous pubescence. Abdomen deeply striate, the striæ towards the suture indistinctly punctured, but at the side being closely sculptured with transverse punctures. Length 1 in. 7 lin.

Hab. Borneo. Presented by the Admiralty.

8. Passalus Cantori.

Passalus Cantori, *Perch.* 2 *Supp.* 3. 3. t. 134. f. 2; *Mag. Zool.* (1844); *Burm. Handb. Ent.* v. 468. 11.
Hab. Assam.

9. Passalus dilatatus. B.M.

Passalus dilatatus, *Dalm. in Schönh. Syn. Ins.* i. 3. 334. 11. *App.* 144. 198; *Burm. Handb. Ent.* v. 465. 5.
Passalus crenistrius, *Boisd. Voy. de l'Astrol.* 244. 5.
Passalus Chevrolatii, *Perch. Mon.* 26. 4. t. 2. f. 4 & 1 *Supp.* 5. 5.
Hab. Australia.

10. Passalus Australicus. B.M.

Passalus Australicus, *Perch.* 1 *Supp.* 6. 6. t. 77. f. 2; *Burm. Handb.* v. 466. 7.
Hab. New Holland.

11. Passalus polyphyllus. B.M.

Passalus polyphyllus, *MacLeay, King's Narrat.* ii. 439. 8; *Burm. Handb.* v. 469. 13.
Passalus 6-dentatus, *Perch. Mon.* 28. 5. t. 2. f. 5; *Eschsch. Diss.* no. 12.
Passalus hexaphyllus, *Boisd. Voy. de l'Astrol.* 241. 1.
Hab. New Holland.

12. Passalus moluccanus.

Passalus moluccanus, *Guérin, Perch. Mon.* 31. 7. t. 2. f. 7 & 1 *Supp.* 7. 8; *Burm. Handb. Ent.* v. 470. 15.
Hab. Molucca.

13. Passalus politus. B.M.

Passalus politus, *Klug, MSS.*; *Burm. Handb.* v. 465. 6.
Passalus dilatatus, *Perch. Mon.* 29. 6. t. 2. f. 5 & 1 *Supp.* 8. 9.
Hab. Van Diemen's Land.

14. Passalus naviculator.

Passalus naviculator, *Perch.* 2 *Supp.* 1. 2. t. 134. f. 1; *Mag. Zool.* (1844); *Burm. Handb. Ent.* v. 467. 9.
Hab. Vanikoro?

Div. II.—*Antennæ with five lamellated joints* (Paxillus, *MacLeay*).

15. Passalus Leachii. B.M.

Paxillus Leachii, *MacLeay, Hor. Ent.* i. 106; *Lap. de Cast. Hist. Nat.* ii. 179. 1.

Passalus Brasiliensis, *St. F. & Serv. Enc. Méth. Ent.* x. 21; *Guérin, Dict. Class. Hist. Nat.* xiii. 90.
Passalus depressus, *Drapiez, Ann. Sc. Phys.* i. 10. t. 4. f. 4.
Passalus Leachii, *Perch. Mon.* 37. 10. t. 3. f. 2 & 1 *Supp.* 10. 13; *Burm. Handb. Ent.* v. 494. 50.
Hab. Brazil.

16. PASSALUS barbatus. B.M.

Passalus barbatus, *Fab. Syst. Eleuth.* 2. 256. 4; *Perch. Mon.* 33. 8. t. 2. f. 4 & 1 *Supp. Mag. Zool.* 10. 11; *Burm. Handb. Ent.* v. 475. 23.
Hab. Guinea.

17. PASSALUS Savagei.

Passalus Savagei, *Perch.* 2 *Supp.* 6. 11. t. 134. f. 4; *Mag. Zool.* (1844); *Burm. Handb. Ent.* v. 476. 24.
Hab. Guinea.

18. PASSALUS crenatus.

Paxillus crenatus, *MacLeay, Hor. Ent.* i. 106.
Passalus puncticollis, *St. F. & Serv. Enc. Méth.* x. 21.
Passalus crenatus, *Eschsch. Nouv. Mém. Nat. Mosc.* i. 13; *Perch. Mon.* 38. 11. t. 3. f. 3 & 1 *Supp.* 10. 14; *Burm. Handb.* v. 496. 52.
Hab. Brazil.

19. PASSALUS pentaphyllus.

Passalus pentaphyllus, *Pal. Beauv. Ins. Afr. et Amér.* 2. t. 1. f. 2; *Guérin, Icon. R. Anim.* t. 27. f. 7; *Cuvier, Griff. Anim. Kingd. Ins.* v. 2. 503. t. 51. f. 7; *Perch. Mon.* 40. 12. t. 3. f. 4; 1 *Supp. Mag. Zool.* 11. 15 (1841); *Burm. Handb.* v. 493. 49.
Paxillus pentaphyllus, *Lap. d. Cast. Hist. Nat.* ii. 179. 2.
Hab. North America.

20. PASSALUS robustus.

Passalus robustus, *Perch. Mon.* 35. 9. t. 3. f. 1 & 1 *Supp.* 10. 12; *Burm. Handb. Ent.* v. 495. 51.
Hab. North America.

21. PASSALUS Hopei.

Passalus Hopei, *Perch.* 2 *Mon.* 7. 14; *Mag. Zool.* 1844.
Hab. ——?

Div. III.—*Antennæ with four lamellated joints.*

22. Passalus Palinii.

Passalus Palinii, *Hope, 2 Supp.* 8, 15. t. 135. f. 1; *Mag. Zool.* (1844).
Hab. Cape Palmas.

Div. IV.—*Antennæ with three lamellated joints.*

23. Passalus interruptus. B.M.

Lucanus interruptus, *Linn. Syst. Nat.* i. 560. 4; *Herbst, Col.* iii. 304. 8. t. 34. f. 4; *Oliv. Ent.* i. 1. 24. 21. t. 3. f. 5; *Panz. Ent. Beitr.* i. 11. 9. t. 2. f. 6–8; *Voet. Col.* ii. 31. 1. t. 29. f. 1.
Passalus interruptus, *Fab. Syst. Eleuth.* ii. 255. 1; *Weber, Obs. Ent.* i. 78. 1; *Illig. Mag.* i. 248, iv. 105. 11; *Latr. Gen. Cr. et Ins.* ii. 136. 1; *Schönh. Syn. Ins.* i. 3. 331. 1; *Eschsch. Diss.* i. 113; *St. F. & Serv. Enc. Méth. Ent.* x. 19. 1; *Perch. Mon.* 42. 13. t. 1. f. 1–2 & 1 *Supp.* 11. 16; *Burm. Handb. Ent.* v. 481. 30.
Hab. Columbia, Guiana, Brazil, Cayenne.

24. Passalus punctatissimus.

Passalus punctatissimus, *Eschsch. Nouv. Mém. Mosc. Diss. Coleopt.* i. 13; *Perch. Mon.* 51. 17. t. 3. f. 8 & 1 *Supp.* 12. 20; *Mag. Zool.* (1841); *Burm. Handb. Ent.* v. 485. 36.
Hab. Brazil. B.M.

25. Passalus villosus.

Passalus villosus, *Perch. Mon.* 56. 20 & 1 *Supp.* 13. 11; *Mag. Zool.* (1841); *Burm. Handb. Ent.* v. 487. 38.
Hab. Brazil.

26. Passalus unicornis. B.M.

Passalus unicornis, *Perch. Mon.* 57. 21. t. 4. f. 4 & 1 *Supp.* 13. 23; *Mag. Zool.* (1841); *Burm. Handb.* v. 487. 39.
Hab. Guadaloupe, Columbia.

27. Passalus aculeatus.

Passalus aculeatus, *Perch. Mon.* 52. 18 & 1 *Supp.* 14. 24; *Mag. Zool.* (1841); *Burm. Handb. Ent.* v. 488. 40.
Hab. Brazil.

28. Passalus quadricollis.

Passalus quadricollis, *Eschsch. Nouv. Mém. Nat. Mosc. Dissert.*

Coleopt. i. no. 10; *Perch. Mon.* 59. 22. t. 4. f. 5 ♂ 1 *Supp.* 15. 26; *Mag. Zool.* (1845); *Burm. Handb. Ent.* v. 501. 62.
Hab. Brazil.

29. PASSALUS rusticus.

Passalus rusticus, *Perch. Mon.* 61. 23. t. 4. f. 6 ♂ 1 *Supp.* 15. 27; *Mag. Zool.* (1841); *Burm. Handb. Ent.* v. 502. 63.
Hab. Brazil.

30. PASSALUS Cayor.

Passalus Cayor, *Perch. Mon.* 67. 27. t. 5. f. 2 ♂ 1 *Supp.* 21. 35; *Mag. Zool.* (1841).
Passalus Cajor, *Burm. Handb.* v. 500. 61.
Hab. Brazil.

31. PASSALUS interstitialis. B.M.

Passalus interstitialis, *Eschsch. Nouv. Mém. Nat. Mosc.* i. 13; *Diss. Col. Sp.* 5; *Perch. Mon.* 73. 31 ♂ 1 *Supp.* 23. 37; *Mag. Zool.* (1841); *Burm. Handb.* v. 484. 34; *Erichs. Consp. Ins. Peru, in Arch. f. Naturg.* p. 112.
Passalus acuminatus, *Eschsch. Diss. Col. Sp.* 6. var. minor.
Passalus barbatus, [nec *Fabr.*] *St. F. & Serv. Enc. Méth. Ins.* x. 21. 6; *Schönh. Syn. Ins.* i. p. 3. 332. no. 2.
Passalus sobrinus, *Dej. Cat.* 194.
Hab. Brazil.

32. PASSALUS glaberrimus.

Passalus glaberrimus, *Eschsch. Nouv. Mém. Nat. Mosc.* i. 13; *Diss. Col. Sp.* 8; *Perch. Mon.* 81. 36. t. 6. f. 3 ♂ 1 *Supp.* 24. 39; *Mag. Zool.* (1841); *Burm. Handb.* v. 499. 57.
Hab. Brazil.

33. PASSALUS geometricus.

Passalus geometricus, *Perch. Mon.* 70. 29. t. 5. f. 4 ♂ 1 *Supp.* 24. 21; *Mag. Zool.* (1841); *Burm. Handb.* v. 491. 46.
Hab. Brazil.

34. PASSALUS nasutus.

Passalus nasutus, *Perch. Mon.* 90. 42. t. 6. f. 8 ♂ 1 *Supp.* 26. 24; *Mag. Zool.* (1841); *Burm. Handb.* v. 490. 44.
Hab. Brazil.

35. PASSALUS sicatus.

Passalus sicatus, *Burm. Handb.* v. 489. 43.
Hab. Brazil.

36. Passalus anguliferus.

Passalus anguliferus, *Perch. Mon.* 75. 32. t. 5. f. 7 *&* 1 *Supp.* 27. 45; *Mag. Zool.* (1841); *Burm. Handb.* v. 492. 48.
Hab. Brazil.

37. Passalus morio.

Passalus morio, *Perch. Mon.* 83. 37. t. 6. f. 4 *&* 1 *Supp.* 33. 52; *Mag. Zool.* (1841); *Burm. Handb.* v. 506. 70.
Hab. Brazil.

38. Passalus convexus. B.M.

Passalus convexus, *Dalm. in Schönh. Syn. Ins.* i. 3. 335. 4. *App.* 142. 196; *Perch. Mon.* 86. 39 *&* 1 *Supp.* 37. 56; *Mag. Zool.* (1841); *Burm. Handb.* v. 503. 65.
Passalus pelliculatus, *Perty, Delect.* 55. t. 11. f. 16.
Hab. Brazil.

39. Passalus marginatus.

Passalus marginatus, *Perch. Mon.* 89. 41. t. 7. f. 1 *&* 1 *Supp.* 37. 57; *Mag. Zool.* (1841); *Burm. Handb.* v. 507. 73.
Hab. Brazil.

40. Passalus furcilabris. B.M.

Passalus furcilabris, *Eschsch. Nouv. Mém. Nat. Mosc.* i. 13; *Diss. Col. Sp.* 15; *Perch. Mon.* 92. 43. t. 7. f. 2 *&* 1 *Supp.* 37. 58; *Mag. Zool.* (1841); *Burm. Handb.* v. 513. 82.
Hab. Brazil.

41. Passalus transversus. B.M.

Passalus transversus, *Dalm. in Schönh. Syn. Ins.* i. 3. *App.* 143. 197; *Schönh. Syn. Ins.* i. 3. 333. 5; *Perch. Mon.* 94. 44. t. 7. f. 3 *&* 1 *Supp.* 37. 58; *Mag. Zool.* (1841); *Burm. Handb.* v. 511. 79.
Passalus cephalotes, *St. F. & Serv. Enc. Méth. Ent.* x. 20.
Passalus sinuatus, *Eschsch. Nouv. Mém. Nat. Mosc.* i. 13; *Diss. Col. Sp.* 16.
Passalus trituberculatus, *Eschsch. Diss. Col. Sp.* 17.
Passalus sinuosus, *Drapiez, Ann. Sc. Phys.* v. 324. t. 73. f. 3.
Hab. Brazil.

42. Passalus semicylindricus.

Passalus semicylindricus, *Eschsch. Diss. Gen. Col.* no. 18; *Perch.* 1 *Supp.* 45; *Mag. Zool.* (1841).
Hab. Brazil.

43. Passalus armatus.

Passalus armatus, *Perty, Delect. Anim. Artic.* 54. t. 11. f. 14; *Perch.* 1 *Supp.* 46. t. 79. f. 6; *Mag. Zool.* (1841); *Burm. Handb.* v. 502. 64.
Hab. Brazil.

44. Passalus coniferus.

Passalus coniferus, *Eschsch. Diss. Gen. Pass.* 4. 2; *Burm. Handb.* v. 482. 32.
Passalus coarctatus, *Perch. Mon.* 49. 16. t. 3. f. 7 & 1 *Supp.* 12. 19; *Mag. Zool.* (1841).
Hab. Brazil.

45. Passalus punctiger.

Passalus punctiger, *St. F. & Serv. Enc. Méth. Ent.* x. 20. 5; *Perch. Mon.* 47. 15. t. 3. f. 6 & 1 *Supp.*; *Mag. Zool.* (1841) 12. 18; *Burm. Handb.* v. 483. 33.
Passalus striolatus, *Eschsch. Nouv. Mém. Nat. de Mosc.* i. 13; *Oliv. Ent.* i. 24. n. 21. f. 5 *d*; *Erichs. Consp. Ins. Peru, in Arch. f. Naturg.* p. 112.
Hab. Brazil, Cayenne, Columbia.

46. Passalus compar.

Passalus compar, *Erichs. Consp. Ins. Peru, in Arch. f. Naturg.* 1847, p. 112.
Hab. Peru.

47. Passalus torpidus.

Passalus torpidus, *Erichs. Consp. Ins. Peru, in Arch. f. Naturg.* 1847, p. 112.
Hab. Peru.

48. Passalus aduncus.

Passalus aduncus, *Erichs. Consp. Ins. Peru, in Arch. f. Naturg.* 1847, p. 112.
Hab. Peru.

49. Passalus cælatus.

Passalus cælatus, *Erichs. Consp. Ins. Peru, in Arch. f. Naturg.* 1847, p. 112.
Hab. Peru.

50. Passalus occipitalis.

Passalus occipitalis, *Eschsch. Diss.* 518. no. 9; *Perch.* 1 *Supp.* 45; *Burm. Handb.* v. 532. 5.
Hab. Rio.

51. Passalus toriferus.

Passalus toriferus, *Eschsch. Diss.* 518. no. 4; *Perch.* 1 *Supp.* 44; *Burm. Handb.* v. 531. 4.
Hab. Rio.

52. Passalus latifrons.

Passalus latifrons, *Perch.* 1 *Supp.* 32. 51. t. 79. f. 1; *Mag. Zool.* (1841); *Burm. Handb.* v. 504. 67.
Hab. Guiana.

53. Passalus cornutus. B.M.

Passalus cornutus, *Fab. Syst. Eleuth.* ii. 256. 6; *Schönh. Syn. Ins.* i. 3. 332. 3; *Pal. Beauv. Ins. Afr. et Amér.* i. 1. t. 1. f. 1; *Eschsch. Nouv. Mém. Nat. Mosc.* i. 13; *Diss. Col. Sp.* 19; *Lap. & Serv. Enc. Méth. Ent.* x. 20. 4; *Lap. d. Cast. Hist. Nat.* ii. 178. 6; *Burm. Handb.* v. 510. 77.
Passalus distinctus, *Weber, Obs. Ent.* i. 79. 2; *Perch. Mon.* 99. 47. t. 7. f. 6 & 1 *Supp.* 38. 62; *Mag. Zool.* (1841).
Passalus interruptus (mas), *Oliv. Ent.* i. 1. 25. t. 3. f. 5; *Panz.* i. 11. 2. t. 2. f. 1–5; *DeGeer, Mem.* iv. 338. 2; *Herbst, Col.* iii. 306.
Hab. North America.

54. Passalus validus.

Passalus validus, *Burm. Handb.* v. 513. 81.
Hab. Columbia.

55. Passalus Maillei. B.M.

Passalus Maillei, *Perch.* 1 *Supp.* 31. 50. t. 78. f. 6; *Mag. Zool.* (1841); *Burm. Handb.* v. 496. 53.
Hab. Columbia.

56. Passalus incertus.

Passalus incertus, *Perch.* 1 *Supp.* 27. 46. t. 78. f. 4; *Mag. Zool.* (1841); *Burm. Handb.* v. 492. 48.
Hab. Columbia.

57. Passalus mucronatus.

Passalus mucronatus, *Burm. Handb.* v. 488. 41.
Hab. Columbia.

58. Passalus gibbosus.

Passalus gibbosus, *Burm. Handb.* v. 507. 72.
Hab. Columbia.

59. PASSALUS pugionatus.

Passalus pugionatus, *Burm. Handb.* v. 489. 42.
Hab. Columbia.

60. PASSALUS suturalis.

Passalus suturalis, *Burm. Handb.* v. 485. 35.
Hab. Columbia.

61. PASSALUS crassus. B.M.

Passalus crassus, *Guérin, MSS.*?

Very convex, black, smooth and shining; the mandibles porrect, slightly curved, very stout and deeply excavated within, bidentate at their apex, the left mandible having two and the right one tooth at the middle of its inner margin; the labrum slightly emarginate; the clypeus produced, its anterior margin waved; on the vertex is a single erect tubercle, from the base of which pass forward elevated carinæ, which terminate in small tubercles before reaching the margin of the clypeus; from the tubercles at right angles is a transverse ridge; the usual longitudinal elevations within the margins of the eyes are rounded above, and extend from the vertex to the anterior margin of the head; within these lateral elevations are deep smooth pits. Thorax transverse, all its margins rounded, the central channel not reaching the anterior margin; about the middle, at its lateral margins, is a smooth fossulet; the elytra deeply striate; the lateral striæ delicately punctured.

Hab. Columbia.

62. PASSALUS sagittarius, n. s. Pl. I. fig. 2. B.M.

Convex, black, smooth and shining; the mandibles short, stout, and armed at their apex with three obtuse teeth, and also having a large obtuse one in their middle within; the inner excavation of the mandibles smooth and shining; from the centre of the head behind, on a line with the vertex of the eyes, rises a tubercle which projects forwards, forming an obtuse horn—the usual lateral tubercles at the base are nearly obsolete—the apex of the horn projects a little beyond the margin of the clypeus, which is entire, or faintly notched in the centre; from the base of the projecting horn pass forwards divergent elevated carinæ, which form obtuse tubercles at the margin of the clypeus, and also a smaller intermediate one: the three apical joints of the antennæ have elongate lamellæ: the labrum has deep scattered punctures, and is emarginate in front. Thorax transverse, having a deep central dorsal channel, a rounded fovea to-

wards the hinder angles, and also a smaller one about the middle rather more within. Abdomen deeply punctate-striate, several of the striæ uniting near the apex, as the second and third, the sutural and outer one, the fourth and ninth, the fifth and sixth, and the seventh and eighth. Length 1 in. 4 lin.

Hab. Columbia. (N. Grenada.) From the Collection of M. Goudot.

63. Passalus striato-punctatus.

Passalus striato-punctatus, *Perch. Mon.* 101. 48. t. 7. f. 7 & 1 *Supp.* 29. 48; *Mag. Zool.* (1841).
Hab. Mexico.

64. Passalus thoracicus, n. s. Pl. I. fig. 3. B.M.

Shining black, except the head, which is rugose and opake, the hinder margin of the vertex smooth and shining; the mandibles unidentate at the apex, which is rounded; there is also another blunt tooth on their inner margin, the whole roughly sculptured; the labrum emarginate in front and coarsely punctured; on the disk of the head is a small tubercle, from which pass forwards to the margin of the clypeus elevated divergent carinæ which terminate in a small tubercle, and at about their middle are produced into another tubercle of a rather larger size; at the outer margins of the usual lateral elevations is a flat projecting piece which nearly covers the eyes; the antennæ have the three apical joints lamellate. Thorax transverse, deeply emarginate in front and bisinuate, the disk delicately punctured, the dorsal channel deeply impressed, a deep fovea at the hinder angles coarsely punctured, and also a smooth depression on each side of the dorsal channel a little before the middle. Abdomen, the elytra deeply striate, the six outer striæ punctured. Length 14 lin.

Hab. Oajaca, Mexico. From Mr. Hartweg's Collection.

65. Passalus tropicus.

Passalus tropicus, *Perch. Mon.* 97. 46. t. 7. f. 4 & 1 *Supp.* 38. 61; *Mag. Zool.* (1841); *Burm. Handb.* v. 509. 75.
Hab. Mexico.

66. Passalus recticornis.

Passalus recticornis, *Klug, MSS.*; *Burm. Handb.* v. 508. 74.
Hab. Mexico.

67. Passalus agnoscendus. B.M.

Passalus agnoscendus, *Perch.* l *Supp.* 22. 36. t. 78. f. 2; *Mag. Zool.* (1841); *Burm. Handb.* v. 500. 60.
Hab. Mexico.

68. Passalus Tlascala.

Passalus Tlascala, *Perch. Mon.* 45. 14. t. 3. f. 5 & l *Supp.*; *Mag. Zool.* (1841) 12. 17; *Burm. Handb.* v. 482. 31.
Hab. Mexico.

69. Passalus angulatus. B.M.

Passalus angulatus, *Perch. Mon.* 84. 38. t. 6. f. 5 & l *Supp.* 29. 47; *Mag. Zool.* (1841); *Burm. Handb.* v. 505. 69.
Passalus gagatinus, *Dej. Cat.* 195.
Hab. Mexico.

70. Passalus contractus.

Passalus contractus, *Perch.* l *Supp.* 34. 53. t. 79. f. 2; *Mag. Zool.* (1841); *Burm. Handb.* v. 498. 56.
Hab. Mexico.

71. Passalus punctato-striatus. B.M.

Passalus punctato-striatus, *Perch. Mon.* 78. 34. t. 6. f. l & l *Supp.* 29. 48; *Mag. Zool.* (1841); *Burm. Handb.* v. 497. 54.
Hab. Mexico.

72. Passalus mancus.

Passalus mancus, *Burm. Handb.* v. 506. 71.
Hab. Buenos Ayres.

73. Passalus pelliculatus. B.M.

Passalus pelliculatus, *Perch. Mon.* 77. 33 & l *Supp.* 29. 47; *Mag. Zool.* (1841); *Burm. Handb.* v. 504. 66.
Hab. Cuba.

74. Passalus binominatus.

Passalus binominatus, *Perch.* l *Supp.* 23. 38; *Mag. Zool.* (1841); *Burm. Handb.* v. 500. 59.
Passalus occipitalis, *Perch. Mon.* 80. 35. t. 6. f. 2.
Hab. Cuba.

75. Passalus Goryi.

Passalus Goryi, *Guérin, Mag. Zool.* iii. *Ins.* t. 56 (1833); *Perch.* l *Supp.* 47; *Burm. Handb.* v. 480. 29.
Hab. Guatimala.

76. Passalus assimilis.

Passalus assimilis, *Weber, Obs. Ent.* 81. n. 3; *Schönh. Syn. Ins.* i. pt. 3. 333. no. 6; *Perch. Mon.* 96. 45. t. 7. f. 5 & 1 *Supp.* 38. 60; *Mag. Zool.* (1841); *Burm. Handb.* v. 511. 78.
Hab. Cayenne.

77. Passalus bicanthatus.

Passalus bicanthatus, *Perch.* 1 *Supp.* 41. 67. t. 79. f. 5; *Mag. Zool.* (1841); *Burm. Handb.* v. 516. 85.
Hab. India.

78. Passalus bihastatus.

Passalus bihastatus, *Perch.* 2 *Supp.* 12. 66. t. 135. f. 3; *Mag. Zool.* (1834); *Burm. Handb.* v. 517. 87.
Hab. Thibet.

79. Passalus dentatus. B.M.

Passalus dentatus, *Fabr. Ent. Syst.* i. 241. 2; *Syst. Eleuth.* ii. 256. 5; *Weber, Obs. Ent.* i. 82. 5; *Illig. Mag.* iv. 105. 5; *Schönh. Syn. Ins.* i. 3. 333. 8; *Perch. Mon.* 66. 26 & 1 *Supp.* 21. 33; *Mag. Zool.* (1841); *Burm. Handb.* v. 477. 27.
Hab. Java.

80. Passalus bicolor. B.M.

Passalus bicolor, *Fabr. Syst. Eleuth.* ii. 256. 6; *Schönh. Syn. Ins.* i. 3. 333. 9; *Perch. Mon.* 69. 28 & 1 *Supp.* 21. 34; *Mag. Zool.* (1841); *Burm. Handb.* v. 478. 28.
Passalus planus, *Illig. Wied. Archiv*, i. 2. 104. 2.
Passalus innocuus, *Buquet. Dej. Cat.* 195.
Hab. Java, Sumatra, Philippine Islands.

81. Passalus oroleius, n. s. Pl. I. fig. 4. B.M.

Black, smooth and shining, the mandibles short, stout, and armed with two obtuse teeth at their apex, and also two other stout ones on their margin within; on the vertex opposite the middle of the eyes is a transverse elevated carina, in the middle of which is a blunted tubercle, from which pass forwards elevated carinæ which are continued to the margin of the clypeus which is also elevated; the enclosed fossulet is deep, smooth and shining; between the enclosed fossulet and the usual elevations at the inner margins of the eyes are broad excavated spaces, with some slight elevations and depressions, the whole smooth and shining; the three apical joints of the antennæ are produced into long lamellæ; the thorax nearly quadrate, slightly broader than long; the central channel deep and entire; at the anterior angles

is a small patch of large deep punctures, also a deep punctured fossulet near the hinder angles. Abdomen deeply punctate-striate. Length 1 inch.

Hab. Corea? Voyage of H.M.S. Samarang. Presented by Captain Sir E. Belcher.

82. PASSALUS basalis, n. s. Pl. I. fig. 5. B.M.

Shining black, convex, disc of the head strigose-punctate, clypeus entire, transverse, marginate; on the vertex is a stout erect horn, obtuse above and bent forwards at the apex; the usual smaller tubercles at the base obsolete; the head on each side of the horn deeply and broadly excavated, produced on each side at the margin of the eyes into an oblong sharp ridge which passes forwards and joins the margination of the clypeus; the labrum covered with ferruginous hair, deeply punctured, and emarginate in front; the mandibles short, stout, slightly curved, bluntly and broadly rounded at their apex, and having a short, very stout blunt tooth about the middle of their curve within; their deep excavation above roughly punctured; the antennæ trifoliate. Thorax transverse, deeply sinuated at the anterior angles, which are rounded within; the central channel deep and entire; the posterior angles are finely punctured, and have a deep rounded fovea; the marginal channel broadly and deeply impressed within the anterior angles, but not united in front; elytra deeply striate, the striæ finely punctured throughout.

Hab. Philippine Islands. From Mr. Cuming's Collection.

83. PASSALUS affinis. B.M.

Passalus affinis, *Latr. MSS.*; *Perch. Mon.* 72. 30 & 1 *Supp.* 25. 42; *Mag. Zool.* (1841); *Burm. Handb.* v. 491. 45.
Passalus coronatus, *Mann. Dej. Cat.* 195.
Hab. St. Domingo.

84. PASSALUS cylindraceus.

Passalus cylindraceus, *Perty, Obs. Col. Ind.* 36. f. 3; *Perch.* 1 *Supp.* 40. 66. t. 79. f. 4; *Mag. Zool.* (1841); *Burm. Handb.* v. 516. 86.
Passalus punctifrons, *Hope's Cat. Lucanidæ*, 29.
Hab. Moluccas.

85. PASSALUS quadrifrons.

Passalus quadrifrons, *Perch. Mon.* 64. 25. t. 4. f. 8 & 1 *Supp.* 19. 31; *Mag. Zool.* (1841); *Burm. Handb.* v. 472. 18.
Hab. Cape of Good Hope.

86. PASSALUS Africanus. B.M.

Passalus Africanus, *Perch.* 2 *Supp.* 10. 31. t. 135. f. 2.
Hab. Sierra Leone.

87. PASSALUS lævis.

Passalus lævis, *Klug, in Atlas z. Erman's Reise um die Erde,* 39. 105; *Burm. Handb.* v. 474. 21.
Hab. Princes Island, W. Africa.

88. PASSALUS humeralis, n. s. Pl. I. fig. 6. B.M.

Convex, black, smooth and shining, the mandibles short, stout, and having two obtuse teeth at their apex, a stout one towards their base within notched at the apex, and a short obtuse intermediate one; the excavation of the mandibles above is deeply punctured; the labrum transverse, punctured, and fringed with ferruginous pubescence; the disk of the head is irregularly sculptured, not punctured, shining; in the centre, on a line with the vertex of the eyes, is a slightly elevated tubercle, and on each side uniting with it a smaller obtuse one; from the apex of the central tubercle pass forwards divergent elevated carinæ which terminate in small acute tubercles a little before reaching the margin of the clypeus which is entire; the antennæ have elongate lamellæ on the three apical joints. Thorax transverse, and having a slightly impressed central channel, and a large rounded fovea towards the hinder angles, which beneath are clothed with fulvous pubescence. Abdomen deeply striate, the outer striæ indistinctly punctured; at the humeral angles of the elytra is a patch of fulvous pubescence. Length 1 in. 7 lin.

Hab. Ashanti, West Africa. From the Collection of Edward Doubleday, Esq.

89. PASSALUS tetraphyllus.

Passalus tetraphyllus, *Eschsch. Diss. Gen. Pass.* n. 13; *Burm. Handb.* v. 499. 58.
Passalus abortivus, *Perch.* 87. 40. t. 6. f. 1 *&* 1 *Supp.* 24. 40; *Mag. Zool.* (1841).
Hab. Princes Island.

90. PASSALUS teres. B.M.

Passalus teres, *Perch.* 1 *Supp.* 39. 65; *Mag. Zool.* (1841); *Burm. Handb.* v. 515. 83.
Hab. New Holland.

91. Passalus edentulus. B.M.

Passalus edentulus, *MacLeay, King's Narrat. New Holl. App.* ii. 439. 9; *Perch. Mon.* 1 *Supp.* 39. 64; *Mag. Zool.* (1841); *Burm. Handb.* v. 515. 84.
Passalus cylindraceus, *Perch. Mon.* 103. 49. t. 7. f. 8.
Passalus furcicornis, *D'Urv. Boisd. Voy. de l'Astrol.* 242. 2.
Hab. New Holland.

92. Passalus Timoriensis. B.M.

Passalus Timoriensis, *Perch.* 1 *Supp.* 19. 32. t. 78. f. 1; *Mag. Zool.* (1841); *Burm. Handb.* v. 473. 19.
Hab. New Holland. New Guinea.

93. Passalus planiceps.

Passalus planiceps, *Eschsch. Diss. Gen. Pass.* 11. t. 78. f. 3; *Perch.* 1 *Supp.* 25. 43. t. 78. f. 3; *Mag. Zool.*; *Burm. Handb.* v. 471. 16.
Passalus dasypleurus, *Imhof. Verhandl. der Naturf.* v. 171.
Hab. Guinea.

94. Passalus morbillosus. B.M.

Passalus morbillosus, *Klug, Ins. Madagas.* 87. 119; *Perch.* 1 *Supp.* 18. 30. t. 77. f. 6; *Burm. Handb.* v. 474. 20.
Hab. Madagascar.

95. Passalus approximatus. B.M.

Passalus approximatus, *Klug, Ins. Madagas.* 86. 13; *Perch.* 1 *Supp.* 16. 29. t. 77. f. 5; *Mag. Zool.* (1841); *Burm. Handb.* v. 477. 26.
Hab. Madagascar.

96. Passalus exaratus. B.M.

Passalus exaratus, *Klug, Ins. Madagas.* 85. 117; *Perch.* 1 *Supp.* 16. 28; *Mag. Zool.* (1841); *Mannerh. Bull. Mosc.* (1838); *Burm. Handb.* v. 472. 17.
Passalus Manouffi, *Perch. Mon.* 62. 24. t. 4. f. 7.
Hab. Madagascar.

97. Passalus vicinus.

Passalus vicinus, *Perch.* 2 *Supp.* 11. 24; *Mag. Zool.* (1844); *Burm. Handb.* v. 479—*var.* P. bicolor?
Passalus bicolor, *Fab.*? *Syst. Eleuth.* ii. 256. 6.
Hab. ——?

98. Passalus longulus.

Passalus longulus, *Perch.* 1 *Supp.* 35. 54. t. 79. f. 3; *Mag. Zool.* (1841); *Burm. Handb.* v. 505. 68.
Hab. —— ?

99. Passalus spinifer.

Passalus spinifer, *Perch.* 1 *Supp.* 29. 49. t. 78. f. 5; *Mag. Zool.* (1841); *Burm. Handb.* v. 498. 55.
Hab. —— ?

100. Passalus hostilis.

Passalus hostilis, *Perch. Mon.* 1 *Supp.* 14. 25. t. 77. f. 4; *Mag. Zool.* (1841).
Hab. —— ?

101. Passalus plicatus.

Passalus plicatus, *Perch. Mon.* 54. 19. t. 4. f. 2 & 1 *Supp.* 12. 20 *Mag. Zool.* (1841); *Burm. Handb. Ent.* v. 486. 37.
Hab. —— ?

INDEX.

abortivus, 19.
aculeatus, 9.
acuminatus, 10.
aduncus, 12.
affinis, 18.
Africanus, 19.
agnoscendus, 16.
angulatus, 16.
anguliferus, 11.
approximatus, 20.
armatus, 12.
assimilis, 16.
Australicus, 7.
barbatus, 8, 10.
basalis, 18.
bicanthatus, 17.
bicolor, 17, 21.
bihastatus, 17.
binominatus, 16.
Brasiliensis, 8.
cælatus; 12.
Cajor, 10.
cancrus, 6.
Cantori, 7.
Cayor, 10.
cephalotes, 11.
Chevrolatii, 7.
coarctatus, 12.
compar, 12.
coniferus, 12.
contractus, 16.
convexus, 11.
cornutus, 13.
coronatus, 18.
crassus, 14.
crenatus, 8.
crenistrius, 7.
cylindraceus, 18–20.
dasypleurus, 20.
dentatus, 17.
depressus, 8.
dilatatus, 7.
distinctus, 13.
edentulus, 20.
emarginatus, 5, 6.
exaratus, 20.
furcicornis, 20.
furcilabris, 11.
gagatinus, 16.
geometricus, 10.
gibbosus, 13.
glaberrimus, 10.
Goryi, 16.
grandis, 5.
hexaphyllus, 7.
Hopei, 8.
hostilis, 21.
humeralis, 19.
incertus, 13.
innocuus, 17.
interruptus, 9.
interruptus mas, 13.
interstitialis, 10.
lævicollis, 6.
lævis, 19.
latericulptus, 5.
latifrons, 13.
latipennis, 6.
Leachii, 7, 8.
Leachii (Pax.), 7.
longulus, 21.
Lucanidæ, 5.
Maillei, 13.
mancus, 16.
Manouffi, 20.
marginatus, 11.
Micrognathites, 5.
moluccanus, 7.
monticulosus, 6.
morbillosus, 20.
morio, 11.
mucronatus, 13.
nasutus, 10.
naviculator, 7.
neelgherriensis, 6.
occipitalis, 12, 16.
Ocythoë, 5.
orientalis, 5.
oroleius, 17.
Palinii, 9.
Passalidæ, 5.
Passalus, 5.
Paxillus, 7.
pelliculatus, 11, 16.
pentaphyllus, 8.
pilifer, 6.
planiceps, 20.
planus, 17.
plicatus, 21.
politus, 7.
polyphyllus, 7.
pugionatus, 14.

punctatissimus, 9.
punctato-striatus, 16.
puncticollis, 8.
punctifrons, 18.
punctiger, 12.
quadricollis, 9.
quadrifrons, 18.
recticornis, 15.
robustus, 8.
rusticus, 10.
sagittarius, 14.
Savagei, 8.
semicylindricus, 11.
sexdentatus, 7.
sicatus, 10.
sinuatus, 11.
sinuosus, 11.
sobrinus, 10.
spinifer, 21.
striato-punctatus, 15.
striolatus, 12.
suturalis, 14.
teres, 19.
tetraphyllus, 19.
thoracicus, 15.
Timoriensis, 20.
Tlascala, 16.
toriferus, 13.
torpidus, 12.
transversus, 11.
tridens (Ocyth.), 5.
tridens, 5.
trituberculatus, 11.
tropicus, 15.
unicornis, 9.
validus, 13.
vicinus, 20.
villosus, 9.

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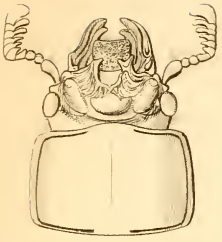

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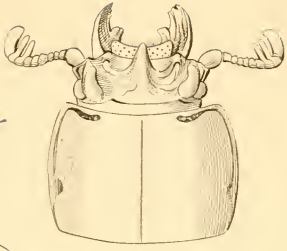

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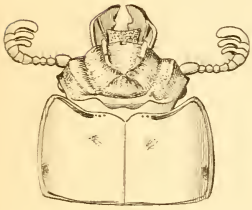

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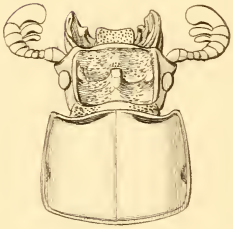

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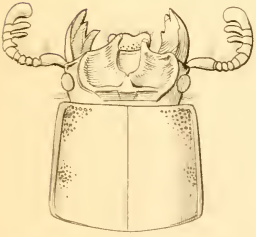

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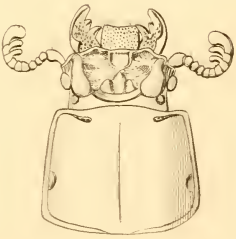

6